In the Claims

Claims 1-2 (Cancelled)

Claim 3 (Currently amended): A composition comprising at least one compound of claim 38, having the structure of a formula selected from the group consisting of:

GTP-5,

or a pharmaceutically acceptable salt of any of the foregoing; and a pharmaceutically acceptable carrier or diluent

Claims 4-5 (Cancelled)

Claim 6 (Original): The composition according to claim 3, wherein said compound has less than 100% optical purity.

Claim 7 (Original): The composition according to claim 3, wherein said compound is optically pure.

Claims 8-20 (Cancelled)

Claim 21 (Original): The method according to claim 40, wherein the derivative is an acyl halide.

Claim 22 (Original): The method according to claim 21, wherein the acyl halide is selected from the group consisting of acyl chloride, acyl bromide, and acyl iodide.

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Claim 23 (Original): The method according to claim 39, wherein said coupling is carried out in the presence of a base in an inert solvent.

Claim 24 (Original): The method according to claim 23, wherein the base is selected from the group consisting of dimethylaminopyridine, pyridine, triethylamine, and diisopropylethylamine.

Claim 25 (Original): The method according to claim 23, wherein the solvent is selected from the group consisting of dichloromethane, ether, and tetrahydrofuran.

Claim 26 (Original): The method according to claim 23, wherein the acid of formula III is reacted with the compound of formula II in the presence of a condensing agent, wherein the condensing agent is selected from the group consisting of 1,3-diisopropylcarbodiimide; 1,3-dimethylaminopropyl(3-ethyl)carbodiimide; dialkyl carbodiimide; 2-halo-1-alkyl-pyridinium halides: propane phosphonic acid cyclic anhydride; N-ethoxycarbonyl-2-ethoxy-1,2,dihydroquinoline; and dicyclohexylcarbodiimine.

Claim 27 (Original): The method according to claim 23, further comprising: b) deprotecting the gallate ester, wherein said deprotecting is selective or non-selective.

Claim 28 (Original): The method according to claim 27, wherein said deprotecting is performed with $Pd(OH)_2$ and H_2 .

Claims 29-36 (Cancelled)

Claim 37 (Previously presented): A compound having the formula B:

В

wherein R is selected from the group consisting of H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, cycloalkenyl, heterocycloalkenyl, aryl, and acyl; X is O or NII; and wherein R^1 is selected from the group consisting of H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, cycloalkenyl, heterocycloalkenyl, aryl, and acyl.

Claim 38 (Previously presented): A compound having the structure of a formula selected from the group consisting of:

Claim 39 (Previously presented): A method for synthesizing a compound having the structure of formula B,

В,

said method comprising:

a) coupling a compound represented by formula IV with an acid represented by formula III:

$$R^1$$
 X
 H
 IV
 OH
 OR_4
 OR_5
 III

to form a fully protected gallate ester, wherein R, R_3 , R_4 , and R_5 are each selected from the group consisting of H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, cycloalkenyl, heterocycloalkenyl, aryl, and acyl; X is O or NH; and wherein R^1 is selected from the group selected from H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, heterocycloalkyl, heterocycloalkyl, heterocycloalkyl, cycloalkenyl, aryl, and acyl.

Claim 40 (Previously presented): The method according to claim 39, wherein the acid of formula III is employed in the form of a derivative which is an acyl halide or a mixed or symmetric acid anhydride; or the acid of formula III is reacted with the compound of formula IV in the presence of a condensing reagent.

Claim 41 (Previously presented): The method of claim 39, wherein the synthesized compound is selected from the group consisting of:

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GTP-3; GTP-4; and

GTP-5.